

2 Port DVI+ USB Cable KVM Switch with Audio

SV215MICDVI



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This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

Thank you for purchasing a StarTech.com SV215MICDVI 2 Port DVI + USB Cable KVM Switch with Audio. Supporting superior video quality with resolutions of up to 1920x1200, this KVM On-a-Cable switch is an ideal solution to access and control two desktop computers, while eliminating wasted deskspace.

Features

- Compatible with all USB supported operating systems.
- Complete micro design saves space and money
- Computer selection by Remote selector and keyboard hotkeys
- Designed for high-resolution applications: 1920 x 1200 analog resolution with DDC2B
- Hot Pluggable - add or remove computers without having to power down the computers.
- LED indicators for easy status monitoring
- USB 2.0/1.1 specification compliant

Package Contents

- 1 x 2 Port Integrated KVM
- 1 x User's Manual
- 1 x Remote Selector

System Requirements

Console Requirements

- A DVI monitor capable of the highest resolution that you will be using on any computer in the installation
- A USB Keyboard and Mouse
- A microphone and a pair of speakers (optional)

Computer Requirements

- A DVI video port
- A USB port for the keyboard, a USB port for the mouse, and a USB host controller
- Speaker and microphone ports (optional)

Hardware Guide



* The cable connecting the Master unit to Host 1 is 24", while the cable connecting the Console unit to Host 2 is 47".

To link the SV215MICDVI to the console display unit, use a Male-Male DVI cable to connect the Console display connector to the DVI port on the display device being used. Connect the remaining Console connectors to the speakers, microphone, and USB Keyboard/Mouse, according to the following color coding:

Color	Connection
Pink	Microphone (optional)
Purple	USB Keyboard
Green	3.5" Audio
Black	USB Mouse

To connect a host to the SV215MICDVI, connect the black DVI cable to your computer's DVI port. Connect the remaining cable-ends to the corresponding USB and 3.5mm ports (keyboard, mouse, speakers, and microphone), as appropriate, based on the color coding detailed above.

Hardware Review

Keyboard Emulation Mapping

Mac Keyboard

To initialize Mac keyboard mapping, please execute the following hotkey sequence:

[scroll],[scroll], [F2], [Enter]

or

[ctrl] [ctrl] [F2] [Enter]

Once this has been done, the following keyboard mapping will apply:

PC Keyboard	Mac Keyboard
[Shift]	Shift
[Ctrl]	Ctrl
[Ctrl], 1	◀
[Ctrl], 2	▶
[Ctrl], 3	▶▶
[Ctrl], 4	▲
[≣]	⌘
F12	▲
[Alt]	L Alt/Option
[Prt_Sc]	F13
[Scroll Lock]	F14
[Desktop Menu]	=

PC Keyboard	Mac Keyboard
[Enter]	Return
[Back Space]	Delete
[Ins]	Help
[Ctrl] [Win]	F15

Installation

Before you begin, ensure that the power to all the devices you will be connecting has been turned off. You must unplug the power cords of any computers that have the Keyboard Power On function. Otherwise, the switch will receive power from the computer. To prevent damage to your equipment, make sure that all the devices you will be connecting are properly grounded.

1. Plug your keyboard, monitor, mouse, microphone and speakers into the appropriate connectors at the end of the console cable. The ports are color coded and labeled with an identifying icon.
Note: Plug the keyboard in before plugging in the mouse. The mouse connector (black) is actually a USB 2.0 port, and can accept any USB compatible peripheral. You can even connect a hub to install multiple USB devices.
2. Plug the keyboard, monitor, mouse, microphone, and speaker connectors of the KVM cables into their respective ports on the computers you are installing.
3. If you choose to use the remote selection switch, plug its cable into the port selection switch jack, located on the right side of the unit.
Note: The switch can be operated with hotkeys only, so connecting the port selection switch is optional.
4. Turn on the power to the computers.
Note: By default the switch links to the first computer that is turned on.

Operation

Manual Port Selection



Press the port selection button to toggle the KVM and Audio focus between the two computers. The Port LED will illuminate indicating that the corresponding port is currently selected.

Note: Do not switch ports while a USB device (printer, external drive, etc.) is in progress. Switching ports will terminate the operation.

Invoking Hotkey Mode

All Hotkey operations begin by tapping the Scroll Lock key twice. The tables on the following page describe the action that each hotkey operation performs.

Note: The default hotkey invocation key is the Scroll Lock key, but the Ctrl key can also be used.

Hotkey Summary Table

Hotkey Sequence	Action
[Scroll Lock] [Scroll Lock] [Enter]	Toggles the KVM and Audio focus between the two ports. Note: If the KVM and Audio focus are on different ports, only the KVM focus switches.
[Scroll Lock] [Scroll Lock] [x] [Enter]	Toggles the hotkey invocation key between the <i>Scroll Lock</i> key and the <i>Control</i> key
[Scroll Lock] [Scroll Lock] [k] [Enter]	Only toggles the KVM focus.
[Scroll Lock] [Scroll Lock] [s] [Enter]	Only toggles the audio focus.
[Scroll Lock] [Scroll Lock] [a] [Enter] [n]	Starts Auto Scan. KVM focus cycles from port to port at <i>n</i> second intervals. Note: The <i>n</i> stands for the number of seconds that the focus dwells on a port before switching to the other one. Replace the <i>n</i> with a number between 1 and 4 when entering this hotkey combination. See table below.

Scan Interval Table

n	Seconds
1	3
2	5
3	10
4	20

Specifications

Function		Specification	
Computer Connections		2	
Connectors	<i>Console Ports</i>	Keyboard 1 x USB Type A Female (Purple)	
		Video 1 x DVI Male (Black)	
		Mouse 1 x USB Type A Female (Black)	
		Speaker 1 x Mini Stereo Jack Female (Green)	
		Microphone 1 x Mini Stereo Jack Female (Pink)	
	<i>KVM Ports</i>	Keyboard 2 x USB Type A Male (Purple)	
		Video 2 x DVI Male (Black)	
		Mouse 2 x USB Type A Male (Black)	
		Speaker 2 x Mini Stereo Plug Male (Green)	
		Microphone 2 x Mini Stereo Plug Male (Pink)	
<i>Remote Switch</i>		1 x Mini Stereo Jack	
LEDs	<i>Selected</i>		2 (Green)
Cable Length	<i>Console</i>	KB/Mouse	0.15m (5.9")
		Video	1.2m (47.2")
	<i>Computers</i>		0.6m (23.6"), 1.2m (47.2")
Emulation	Keyboard/Mouse		USB
Video		1920 x 1200 @ 60Hz; DDC2B	

Instruction Manual

Function		Specification
Scan Interval		3, 5, 10, 20 Seconds
Environment	<i>Operating Temp.</i>	0-50°C
	<i>Storage Temp.</i>	-20-60°C
	<i>Humidity</i>	0-80% RH, Non-condensing
Physical Properties	Housing	Plastic
	Weight	0.62kg
	Dimensions (L x W x H)	8.45 x 3.40 x 2.13 cm

Technical Support

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Warranty Information

This product is backed by a one year warranty. In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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